

Apparatus for reading the charge of smart battery

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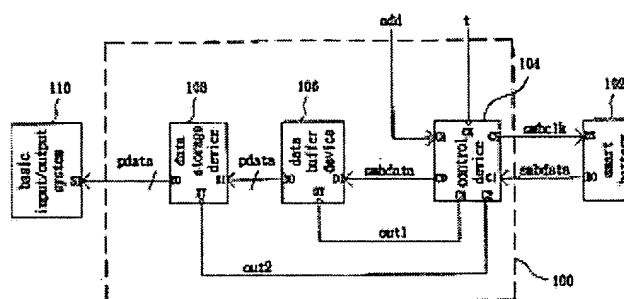
US6904533 (B2)

US2002125858 (A1)

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Abstract of TW496962B

An apparatus for reading the charge of smart battery comprises: a read-control circuit coupled to a smart battery, for outputting power a reference clock signal, a first clock signal and a second clock signal, respectively, in accordance with an input clock signal, and for serially reading data of remaining charge and outputting such data therefrom; a data-buffering circuit coupled to the read-control circuit, for serially reading data of remaining charge and outputting such data therefrom; a data-storage circuit coupled to the data-buffering circuit, for storing data of remaining charge and parallel outputting such data in parallel according to the second clock signal.



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328122 -- Patent Information

	3 2 8 1 2 2		
Title	Battery capacity predicting method, battery unit and apparatus using battery unit battery capacity predicting method predicts a remaining capacity of a battery unit including a plurality of battery cells connected in series in an apparatus which uses the battery unit.		
Patent type			
	1998/3/11		
Application Number	86107676		
Filing Date	1997/6/4		
IPC	G06F1/28		
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Priority	Country	Application Number	Priority Date
		JP19960171456	1996/07/01
Applicant	Name	Country	Individual/Company
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Abstract	A battery capacity predicting method for predicting the remaining capacity of a battery unit comprising a plurality of battery cells connected in series in an apparatus which uses the battery unit, which is characterized in that the battery capacity predicting method comprises the steps of: (a) comparing output voltages of each of the battery cells (E1-E3); and (b) predicting the remaining capacity of the battery unit (1) based on at least one of a minimum voltage and a maximum voltage out of the compared output voltages of the battery cells.		